

(43) International Publication Date 26 May 2005 (26.05.2005)

PCT

(10) International Publication Number WO 2005/048602 A1

(51) International Patent Classification?:

H04N 7/16

(21) International Application Number:

PCT/IB2004/052424

(22) International Filing Date:

15 November 2004 (15.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/520,621

WO 2005/048602 A1

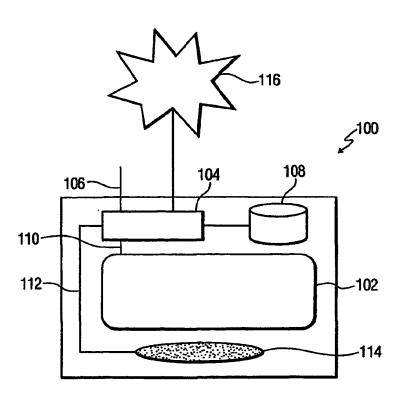
17 November 2003 (17.11.2003) US

- (71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) Applicant (for AE only): U.S. PHILIPS CORPORA-TION [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GUTTA, Srinivas [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). MEULEMAN, Petrus, G. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). VERHAEGH, Wilhelmus, RJ. [NL/NL]; Groenenwoudseweg 1, NL-5621 BA Eindhoven (NL).
- (74) Common Representative: KONINKLIJKE PHILIPS ELECTRONICS, N.V.; Intellectual Property & Standards, c/o THORNE, Gegory L., P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

[Continued on next page]

(54) Title: COMMERCIAL INSERTION INTO VIDEO STREAMS BASED ON SURROUNDING PROGRAM CONTENT



(57) Abstract: A method for inserting replacement commercials into a data stream is provided. The method including: receiving the data stream; detecting at least one commercial in the data stream; determining a characteristic of program content at least prior to the at least one commercial; and replacing the at least one commercial in the data stream with a replacement commercial which is selected based at least in part on the determining.

BEST AVAILABLE COPY